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2003. (INZZ) **Electronic** security is a continuous process.

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1998. (INZZ) Revolution or revival-out of the paper age into the digital era: a Silicon Valley company's first Web site and CD-ROM.

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1997. (INZZ) Advantages of office automation application in concurrent engineering environment.

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1992. (INZZ) Managing organizations with **electronic** records. I. Symptoms and issues.

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1990. (INZZ) Integrated Office System II.

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1988. (INZZ) **Electronic** proposal processing at Clemson University.

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1987. (INZZ) Unattended messaging frees up PCs.

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1987. (INZZ) Global integration the seamless way (local area networks).

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1984. (INZZ) The EIT personal scanner: desk-top graphics digitizing and OCR.

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1985. (INZZ) Telecomputing services, teaching and research.

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1984. (INZZ) Symphony at work: computers keep you in the key of rising office productivity.

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1983. (INZZ) The information utility. How networks reach out at Canadian Pacific.

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1983. (INZZ) Cost-effective office automation.

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2004. (INZZ) Develop a multi-channel legal knowledge service center with knowledge mining capability.

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2004. (INZZ) The phisher kings (counterfeit e-mails and password theft).

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0003381636 20070101.

Title

The paperless program in JPO (patent information management).

Source

World Patent Information, {World-Pat-Inf-USA}, 1989, vol. 11, no. 1, p. 14-24, 0 refs, CODEN: WPAID2, ISSN: 0172-2190, USA.

Author(s)[Takei-H.](#)**Author affiliation**

Takei, H., Patent Inf. & Manage. Div., Japanese Patent Office, Tokyo, Japan.

Abstract

To cope with ever-increasing patent applications and patent documents, the JPO has been constructing a paperless system. The eventual goal of this effort is the storing of patent applications and their administrative data in the Database of **Electronic File Wrapper**, and of patent information in the Comprehensive Document Database. The database supplies necessary information to the Database for Examination for computerizing intraworks of paper handling, data processing, drafting and disseminating the information to both JPO's sections and outside users. This accelerates the examination and trial examination processing in the JPO, and meets the demand of society for office automation and quick and accurate information surveys.

Descriptors [INDUSTRIAL-PROPERTY](#); [INFORMATION-SERVICES](#); [OFFICE-AUTOMATION](#).**Classification codes**[C7210 Information-services-and-centres*](#);[C7104 Office-automation](#).**Keywords**

Japanese-patents; paperless-program; patent-information-management; JPO; paperless-system; patent-applications; administrative-data; **Electronic-File-Wrapper**; patent-information; Comprehensive-Documents-Database; intraworks; paper-handling; data-processing; drafting; disseminating; outside-users; trial-examination-processing; office-automation; accurate-information-surveys.

Treatment codes[P Practical](#).

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Accession number & update

0008897856 20070101.

Title

Latest lawsuit threatens BlackBerry with shutdown.

Source

Information Today, {Inf-Today-USA}, Feb. 2006, vol. 23, no. 2, p. 1-46, 0 refs, CODEN: INTDDG, ISSN: 8755-6286.

Publisher: Information Today, USA.

Author(s)

[Pike-G-H.](#)

Author affiliation

Pike, G.H., Sch. of Law, Pittsburgh Univ., PA, USA.

Abstract

The BlackBerry wireless hand-held device has emerged as one of the dominant tools for providing wireless communication. Although similar devices exist, the BlackBerry has become virtually synonymous with wireless **e-mail**. The lawsuit highlights the incredible complexity of **patents** governing the technology. It also represents some of the difficulties associated with applying patent law to those **patents**.

Descriptors

~~E~~ ELECTRONIC-MAIL; ~~E~~ LEGISLATION; ~~E~~ MOBILE-COMMUNICATION; ~~E~~ PATENTS.

Classification codes

B6250 Radio-links-and-equipment*;
B0140 Administration-and-management;
B6210G Electronic-mail.

Keywords

BlackBerry; wireless-hand-held-device; wireless-communication; **wireless-e-mail**; patent-law.

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 8755-6286(200602)23:2L:1:LLTB; 1-1.

Publication year

2006.

Publication date

20060200.

Edition

2006019.

Copyright statement

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Inspec - 1898 to date (INZZ)**Accession number & update**

0008897722 20070101.

Title

Working smarter (speech recognition).

Source

oen, {oen-UK}, Feb. 2006, p. 30-1, 0 refs, CODEN: OENNFL, ISSN: 0030-0187.
Publisher: Wilmington Business Publishing, UK.

Abstract

21 of the 50 strong staff at Beresford & Co, a busy patent attorney firm in High Holborn, London are using speech recognition software to deliver clients a faster turnaround of email correspondence and other documentation. The most notable benefit has been seen when handling email. The second benefit is a huge reduction in the time taken to produce documents. The use of speech recognition has also delivered many humanistic benefits to the workplace. Staff are no longer "chained to the keyboard" - minimising the risk of repetitive strain injury and other associated complaints.

Descriptors

~~E~~ ELECTRONIC-MAIL; ~~E~~ ERGONOMICS; ~~E~~ HUMAN-FACTORS; ~~E~~ LAW-ADMINISTRATION;
~~E~~ PATENTS; ~~E~~ SPEECH-RECOGNITION.

Classification codes

D2120 Public-administration-and-law-applications-of-IT*;
D3060 Voice-equipment-dictation-for-business-automation;
D4020 Electronic-mail-systems-for-office-automation;
D1040 Human-aspects-of-IT.

Keywords

Beresford-&-Co; patent-attorney-firm; speech-recognition-software; email-correspondence;
documentation; humanistic-benefits.

Treatment codes

P Practical.

Language

English.

Publication typeJournal-paper.**Publication year**

2006.

Publication date

20060200.

Edition

2006019.

Copyright statement

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0008724914 20070101.

TitleTransnational **electronic** systems and patent infringement.**Source**

IEEE Micro, {IEEE-Micro-USA}, Nov.-Dec. 2005, vol. 25, no. 6, p. 85-8, CODEN: IEMIDZ, ISSN: 0272-1732.

Publisher: IEEE, USA.

Author(s)Stern-R-H.**Abstract**

In NTP Incorporated v. Research In Motion Incorporated, the Federal Circuit (the US court of appeals for all patent cases) took a look at whether operators of transnational **electronic** systems with some components in the US and some in other countries can be held liable for patent infringement. The NTP case involved the defendant, Research In Motion's (RIM's) BlackBerry **electronic mail** system, which has customers in the US and important parts of the system in Canada.

Descriptors LEGISLATION;  PATENTS.**Classification codes**C0230B Legal-aspects-of-computing*.**Keywords**NTP-Incorporated; Research-In-Motion-Incorporated; Federal-Circuit; **transnational-electronic-systems**; patent-infringement.**Treatment codes**P Practical.**Language**

English.

Publication typeJournal-paper.**Availability**

SICI: 0272-1732(200511/12)25:6L:85:TESP; 1-X.

CCCC: 0272-1732/2005/\$20.00.

Digital object identifier

10.1109/MM.2005.121.

Publication year

2005.

Publication date

20051100.

Edition

2006004.

Copyright statement

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0008267928 20070101.

Title

Develop a multi-channel legal knowledge service center with knowledge mining capability.

SourceInternational Journal of **Electronic** Business Management, {Int-J-Electron-Bus-Manage-Taiwan}, 2004, vol. 2, no. 2, p. 92-9, 26 refs, ISSN: 1728-2047.Publisher: **Electronic** Business Manage. Soc, Taiwan.**Author(s)**[Fu-Chiang-Hsu](#), [Trappey-A-J-C](#), [Jiang-Liang-Hou](#), [Trappey-C-V](#), [Shang-Jyh-Liu](#).**Author affiliation**

Fu-Chiang Hsu, Trappey, A.J.C., Jiang-Liang Hou, Dept. of Ind. Eng. & Eng. Manage., Nat. Tsing Hua Univ., Hsinchu, Taiwan.

Abstract

In the knowledge centric business environment, knowledge management (KM) is the process of creating, accumulating and accessing the values from intangible assets. Owing to the fast development of information technology and the global reach of legal documents, **patents**, trademarks and copyrights, technical legal services, organizations are challenged to efficiently provide customized services. They must anticipate the various customer needs to increase competitiveness and customer loyalty. In order to efficiently fulfill the client requests, lawyers and patent consultants can provide customer centric services by using contact center applications and data analysis methodologies. Multi-channel service centers that integrate voice, fax, **e-mail** and Web applications are increasingly being used to manage customer interactions, queries, complaints and service requests. A multi-channel legal knowledge service center not only provides greater access but also provides the means to analyze customer interaction data. Data collected through the channels must be transformed into meaningful knowledge to benefit corporations in capturing customer needs and exploring the knowledge development trend. This paper depicts the development of contact center and data analysis methodologies to demonstrate the feasibility and the versatility of legal knowledge service center functions. The aim of this paper is to provide a new knowledge management model for legal service providers to enhance their operation effectiveness and efficiency.

Descriptors

☐ COPYRIGHT; ☐ CUSTOMER-SERVICES; ☐ DATA-ANALYSIS; ☐ DATA-MINING;
☐ ELECTRONIC-MAIL; ☐ INTERNET; ☐ KNOWLEDGE-MANAGEMENT; ☐ LEGISLATION;
☐ PATENTS; ☐ SERVICE-INDUSTRIES; ☐ TRADEMARKS.

Classification codes

C7185 Administration-of-other-service-industries*;
C6170K Knowledge-engineering-techniques;
C7210N Information-networks;
E3050 Service-industries*;
E0120R Customer-services;
E0420 Information-management;
E0430 Information-resources-and-networks;
E0270 Legal-aspects.

Keywords

multichannel-legal-knowledge-service-center; knowledge-mining; knowledge-centric-business-environment; knowledge-management; information-technology; legal-documents; technical-legal-services; customer-centric-services; data-analysis-method; **e-mail**; Web-application; World-Wide-Web; customer-interactions; customer-complaints; customer-queries.

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 1728-2047(2004)2:2L.92:DMCL; 1-L.

Publication year

2004.

Publication date

20040000.

Edition

2005005.

Copyright statement

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Accession number & update

0007943323 20070101.

Title

CLSR briefing.

Source

Computer Law and Security Report, {Comput-Law-Secur-Rep-UK}, 2003, vol. 19, no. 5, p. 421-37, CODEN: CLSRE8, ISSN: 0267-3649.
Publisher: Elsevier, UK.

Author(s)

Saxby-S.

Abstract

We discuss about CLSR briefing. We explain in detail about the news and comment on recent developments in the world.

Descriptors

~~E~~ COMPUTER-CRIME; ~~E~~ COPY-PROTECTION; ~~E~~ COPYRIGHT; ~~E~~ CRIMINAL-LAW; ~~E~~ FRAUD;
~~E~~ INTERNET; ~~E~~ LEGISLATION; ~~E~~ PATENTS; ~~E~~ UNSOLICITED-E-MAIL; ~~E~~ WEB-SITES.

Classification codes

C0230 Economic-social-and-political-aspects-of-computing*;
C6155 Computer-communications-software;
C6130S Data-security;
C7210N Information-networks.

Keywords

communication-act; data-protection; **electronic-service**; legislation; Web-site; **electronic-mail**; **electronic-patent-application-record**; LINX; spam; fraud.

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 0267-3649(2003)19:5L.421:CB; 1-D.

CCCC: 0267-3649/2003/\$30.00.

Digital object identifier

10.1016/S0267-3649(03)00513-2.

Publication year

2003.

Publication date

20030000.

Edition

2004017.

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Inspec - 1898 to date (INZZ)

Accession number & update

0007655528 20070101.

Title

How not to get squeezed (patent battle).

Source

IEEE Spectrum, {IEEE-Spectr-USA}, June 2003, vol. 40, no. 6, p. 46, CODEN: IEESAM, ISSN: 0018-9235.

Publisher: IEEE, USA.

Author(s)

Gardella-G-H.

Abstract

This article briefly discusses five lessons to be learned from the ongoing patent battle over the BlackBerry wireless **e-mail** system between RIM and NTP. Unless RIM, based in Waterloo, Ont., Canada, negotiates a settlement with NTP regarding the infringement of five NTP **patents**, RIM could be barred from operating its network in the United States.

Descriptors

 ELECTRONIC-MAIL;  PATENTS.

Classification codes

B6210G Electronic-mail*;

B0140 Administration-and-management;

C7104 Office-automation*;

C0230B Legal-aspects-of-computing;

E0120 Management-issues*;

E0270 Legal-aspects.

Keywords

patent-battle; **BlackBerry-wireless-e-mail-system**; RIM; NTP; NTP- **patents-infringement**.

Treatment codes

G General-or-review.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 0018-9235(200306)40:6L:46:SPB; 1-3.

Digital object identifier

10.1109/MSPEC.2003.1203088.

Publication year

2003.

Publication date

20030600.

Edition

2003023.

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Inspec - 1898 to date (INZZ)**Accession number & update**

0006883085 20070101.

Title

German Patent Bulletin in assistant mode on the WWW-the first year's experience.

Source

World Patent Information, {World-Pat-Inf-UK}, 1 March 2000, vol. 23, no. 1, p. 79-81, 1 refs, CODEN: WPAID2, ISSN: 0172-2190.
Publisher: Elsevier, UK.

Author(s)

[Knobel-M.](#)

Author affiliation

Knobel, M., Tech. Univ. Dresden, Germany.

Abstract

The German Patent Bulletin has been available online on the Web for over a year. To help inexperienced users, an 'assistant-mode' access enables search technique and strategy enquiries to be formulated in 'plain language', and **e-mail** them to their selected PATLIB centre in Germany. The patent information centre will answer the question by **e-mail**, fax, post or telephone. This paper summarises the results of the service over the first year. The paper describes how many enquiries have been received, which user groups are taking advantage of the service, what kind of questions are being asked, how they are being dealt with by the PATLIB centres and whether the service is opening up new user groups for the patent information centres.

Descriptors

[ELECTRONIC-MAIL](#); [INFORMATION-CENTRES](#); [INFORMATION-RESOURCES](#);
[INFORMATION-RETRIEVAL](#); [INTERNET](#); [PATENTS](#).

Classification codes

[C7210N Information-networks*](#);
[C7250 Information-storage-and-retrieval](#).

Keywords

German-Patent-Bulletin; World-Wide-Web; assistant-mode; search-technique; **e-mail**; PATLIB-centre; patent-information-centre; user-groups; Internet.

Treatment codes

[P Practical](#).

Language

English.

Publication type

[Journal-paper](#).

Availability

SICI: 0172-2190(20000301)23:1L:79:GPBA; 1-6.
CCCC: 0172-2190/2001/\$20.00.
Publisher identity number: S0172-2190(00)00099-5.

Publication year

2000.

Publication date

20000301.

Edition

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Inspec - 1898 to date (INZZ)**Accession number & update**

0006718116 20070101.

Title

Panapatlics selective dissemination information system.

Source

Matsushita Technical Journal, {Matsushita-Tech-J-Japan}, Aug. 2000, vol. 46, no. 4, p. 141-50, 0 refs,
CODEN: NTROAV, ISSN: 1343-9529.
Publisher: Matsushita Electric Industrial Co, Japan.

Author(s)[Ohnishi-Y](#), [Inoue-Y](#), [Shinoki-H](#), [Moriyama-J](#), [Arikado-R](#), [Sake-M](#).**Abstract**

We have developed a patent-selective searching system that can automatically search and disseminate the latest **patents**, 500000 of which are issued annually by the Japan Patent Office, related to the user's business. This system is expected to be one of the main products for patent-selective searching, joining our patent search system product that is already well-known in the field. This system has a wide variety of functions. Examples of these functions include data selection with free-key-word using high speed full-text retrieval software, automatic sending of **E-mail** to an evaluator, automatic circulation of evaluations for superiors in the manner of groupware. With this system, we can reduce the time needed for searching and evaluating **patents** as well as the amount of paper needed for printing **patents**. Based on these advantages, we have delivered this system to a variety of customers.

Descriptors

☒ [ELECTRONIC-MAIL](#); ☒ [FULL-TEXT-DATABASES](#); ☒ [INFORMATION-DISSEMINATION](#);
☒ [INFORMATION-RETRIEVAL](#); ☒ [ONLINE-FRONT-ENDS](#); ☒ [PATENTS](#).

Classification codes

[C7220 Generation-dissemination-and-use-of-information*](#);
[C7250R Information-retrieval-techniques](#);
[C7250N Search-engines](#);
[C7250L Non-bibliographic-retrieval-systems](#);
[C7104 Office-automation](#).

Keywords

Panapatlics-selective-dissemination-information-system; patent-selective-searching-system; Japan-Patent-Office; patent-selective-searching; patent-search-system-product; data-selection; free-key-word; high-speed-full-text-retrieval-software; automatic-sending; **E-mail**; automatic-circulation; groupware.

Treatment codes[P Practical](#).**Language**

Japanese.

Publication type

Journal-paper.

Availability

SICI: 1343-9529(200008)46:4L:141:PSDI; 1-Y.

Publication year

2000.

Publication date

20000800.

Edition

2000039.

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Accession number & update

0005928879 20070101.

Title

ProCite 4-a look at the latest release in bibliographic management software.

Source

Library Software Review, {Libr-Softw-Rev-USA}, March 1998, vol. 17, no. 1, p. 4-13, 7 refs, CODEN: LSREEA, ISSN: 0742-5759.

Publisher: Sage Publications, USA.

Author(s)

McMahon-T-E.






Author affiliation

McMahon, T.E., Metrowest Massachusetts Regional Libr. Syst., MS, USA.

Abstract

On November 26, 1997, Research Information Systems released its newest version of the ProCite bibliographic management software. The most notable change to the program is the retooling for compatibility with Windows 95 and NT. In addition to the Windows 95 upgrade, ProCite added two new workforms. These forms allow users to capture information about Web pages and **e-mail** messages. This latest release of ProCite builds on the Cite While You Write feature that allows users to link citations in a single manuscript to records in multiple databases. The program simplifies the generation of bibliographies and endnotes while allowing users to create bibliographic databases using twenty-eight distinct workforms. Workforms cover a wide range of materials commonly used by librarians, from audiovisual materials to **patents**. While there are a few idiosyncrasies users should be aware of, this product is a solid addition to the librarian's toolkit and should be considered by those libraries that have a need for a small but powerful program to catalog resources and create bibliographies.

Descriptors

 BIBLIOGRAPHIC-SYSTEMS;  ELECTRONIC-MAIL;  INTERNET;  LIBRARY-AUTOMATION;
 SOFTWARE-REVIEWS.

Classification codes

C7250C Bibliographic-retrieval-systems*;

C7210 Information-services-and-centres;

C5620W Other-computer-networks.

Keywords

ProCite-4; bibliographic-management-software; Research-Information-Systems; ProCite-bibliographic-management-software; Windows-95-upgrade; workforms; Web-pages; **e-mail-messages**; Cite-While-You-Write-feature; manuscript; multiple-databases; bibliographic-databases; librarians; audiovisual-

materials; **patents**.

Treatment codes

P Practical;
R Product-review.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 0742-5759(199803)17:1L.4:PLLR; 1-3.
CCCC: 0742-5759/98/\$0.50+.10.

Publication year

1998.

Publication date

19980300.

Edition

1998022.

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Full text available at **USPTO Full Text Retrieval Options**

☒ **document 10 of 13** Order Document

Inspec - 1898 to date (INZZ)

Accession number & update

0005631014 20070101.

Title

The impact of the Internet on prior-art searching in a patent environment.

Source

World Patent Information, {World-Pat-Inf-USA}, June 1997, vol. 19, no. 2, p. 95-107, 0 refs, CODEN: WPAID2, ISSN: 0172-2190.
Publisher: Elsevier, USA.

Author(s)

Verhulst-W.

Author affiliation

Verhulst, W., EPO, The Hague, Netherlands.

Abstract

Although most of the current Internet hype surrounds the World Wide Web (WWW), its most common use is for **electronic** communication or **e-mail**. The various patent offices are actively investigating a number of possible uses for **e-mail** in the patenting procedure. However, there is an increasing interest both in the offices and outside in the use of the WWW for prior-art searching. This paper looks at some of the legal issues involved in the use of **electronic** data in a patent environment, especially in the area of prior art.

Descriptors

ELECTRONIC-MAIL; INFORMATION-RETRIEVAL; INFORMATION-RETRIEVAL-SYSTEMS;
INTERNET; LEGISLATION; PATENTS.

Classification codes

C7210 Information-services-and-centres*;
C7250 Information-storage-and-retrieval;
C0230B Legal-aspects-of-computing.

Keywords

Internet; prior-art-searching; patent-database; World-Wide-Web; **electronic-communication**; **e-mail**; patent-offices; WWW; legal-issues.

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 0172-2190(199706)19:2L:95:IIPS; 1-6.

CCCC: 0172-2190/97/\$17.00+0.00.

Publisher identity number: S0172-2190(97)00010-0.

Publication year

1997.

Publication date

19970600.

Edition

1997028.

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Inspec - 1898 to date (INZZ)

Accession number & update

0005244085 20070101.

Title

Accessing genetic sequence information on the Net.

Source

Database, {Database-USA}, April-May 1996, vol. 19, no. 2, p. 33-4, 36-8, 40-1, 2 refs, CODEN:

DTBSDQ, ISSN: 0162-4105.

Publisher: Online Inc, USA.

Author(s)

Jourdan-D-R.







Author affiliation

Jourdan, D.R., Wisconsin Univ., Madison, WI, USA.

Abstract

The paper considers how Internet tools, such as Entrez, have made it much easier to search genetic databases and to link related information together. It discusses GenBank, a comprehensive sequence database which contains sequences and related information that are reported in journals, **patents**, or are directly submitted. GenBank and over a dozen other genetics databases can be searched with the Retrieve **e-mail** server.

Descriptors

 BIOLOGY-COMPUTING;  ELECTRONIC-MAIL;  GENETICS;  INFORMATION-RETRIEVAL;
 INTERNET;  ONLINE-FRONT-ENDS.

Classification codes

C7250R Information-retrieval-techniques*;

C7210 Information-services-and-centres;

C7250N Search-engines.

Keywords

genetic-sequence-information-retrieval; Internet; Entrez; searching; genetic-databases; GenBank; sequence-database; journals; **patents**; genetics-databases; Retrieve; **e-mail-server**; online-front-end.

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Availability

SICI: 0162-4105(199604/05)19:2L.33:AGSI; 1-V.

CCCC: 0162-4105/96/\$2.00+00.15.

Publication year

1996.

Publication date

19960400.

Edition

1996016.

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☒ **document 12 of 13** Order Document

Inspec - 1898 to date (INZZ)**Accession number & update**

0004060574 20070101.

Title

GEOTEL: status and prospects.

Conference information

IDATE. 12th International Conference. Key Technologies, Experiments, New Concepts Proceedings, Montpellier, France, 14-16 Nov. 1990.

Source

IDATE. 12th International Conference. Key Technologies, Experiments, New Concepts Proceedings, 1990, p. 141-4, 0 refs, pp. 653, ISBN: 2-908335-03-4.

Publisher: IDATE, Montpellier, France.

Author(s)

de-Couessin-C.

Author affiliation

de Couessin, C., Geolink, Rueil-Malmaison, France.

Abstract

A geographic and bibliographic database service proposed by an underground storage specialist subsidiary of four multinational petroleum companies is described. In the context of the RACE programme it offers a facility for online consultation of primary documents (periodicals and **patents**) distributed among several servers via the NUMERIS network. A Unix alternative to the existing MS-DOS configuration, and a gateway into local area networks with **electronic mail** are envisaged. A diagram of an integrated broadband communication library service, with databases located in London, Paris and Germany, is annotated in English.

Descriptors

 BIBLIOGRAPHIC-SYSTEMS;  ELECTRONIC-MAIL;  GEOGRAPHIC-INFORMATION-SYSTEMS;
 LOCAL-AREA-NETWORKS;  NETWORK-SERVERS;  PETROLEUM-INDUSTRY.

Classification codes

C7250C Bibliographic-retrieval-systems*;
C7840 Geography-and-cartography-computing;
E3020 Mining-oil-drilling-and-natural-gas-industries*;
E3624 Fuel-processing-industry.

Keywords

GEOTEL; prospects; geographic-and-bibliographic-database-service; underground-storage; multinational-petroleum-companies; RACE; online-consultation-of-primary-documents; servers;

NUMERIS-network; Unix; gateway-into-local-area-networks; **electronic-mail**; library-service.

Treatment codes

A Application.

Language

French.

Publication type

Conference-paper.

Publication year

1990.

Publication date

19900000.

Edition

1992006.

Copyright statement

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☒ **document 13 of 13** Order Document

Inspec - 1898 to date (INZZ)

Accession number & update

0001965534 20070101.

Title

Office Automation and data processing.

Source

Informatique et Gestion, {Inform-Gest-France}, May 1982, no. 133, p. 82-7, 0 refs, CODEN: IFQGAJ, ISSN: 0020-062X, France.

Author(s)

Baudoin-C.

Abstract

The distinction between office automation and data processing is less than is usually thought of. The former has its own areas of application: **electronic mail**, memory editing, drawing up contracts and **patents**, agendas and **electronic year books**. But these areas are approaching those covered by data processing itself and the two are becoming indistinguishable. For example, one believes that secretaries are the sole users of office automation, particularly in the context of word processors, but bookkeepers, buyers and engineers are also users. The rest of the article deals with the way Schlumberger (based at Clamart) has dealt with the problem of the overlapping needs of the two kinds of processing.

Descriptors

 ADMINISTRATIVE-DATA-PROCESSING.

Classification codes

C7100 Business-and-administration*.

Keywords

ADP; data-processing; office-automation; **electronic-mail**; memory-editing; contracts; **patents**; agendas; **electronic-year-books**; word-processors; bookkeepers; buyers; engineers; Schlumberger.

Treatment codes

G General-or-review.

Language

French.

Publication type

Journal-paper.

Publication year

1982.

Publication date



USPTO

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Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Simple and fast optimistic protocols for fair electronic exchange](#)



Silvio Micali

July 2003

Proceedings of the twenty-second annual symposium on Principles of distributed computing PODC '03

Publisher: ACM Press

Full text available: pdf(752.59 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Assume each of two parties has something the other wants. Then, a fair exchange is an electronic protocol guaranteeing that either both parties get what they want, or none of them does. Protocols relying on traditional trusted parties easily guarantee such exchanges, but are inefficient (because a trusted party must be part of every execution) and expensive (because trusted parties want to be paid for each execution). In this paper we• Quickly review fair exchanges that are *optimistic* ...

Keywords: Optimistic Protocols, certified e-mail, contract signing, fair exchange, invisible trusted parties

2 [Legal, ethical, and societal issues in e-commerce: Driving off a tiger, but leading a wolf: a review of the Chinese contract law art.11](#)



Yongjun Jin

August 2005

Proceedings of the 7th international conference on Electronic commerce ICEC '05

Publisher: ACM Press

Full text available: pdf(315.33 KB)

 Additional Information: [full citation](#), [abstract](#)

With the purpose to get rid of the writing form barriers to E-Commerce, the Chinese Contract Law art.11 specified: "'Writing form' means a form, such as a contract instrument, letter, data message (including a telegram, telex, facsimile, electronic data interchange and electronic mail), that records the contract contents contained therein and is capable of being reproduced in tangible form."... Where the reduction to a tangible form is concerned, data message is not equal to contract instrument ...

Keywords: data message, electronic signatures, signatures, writing form

3

[Document management: Engineering better voting systems](#)

09/17/07, 5:29

-  Bertrand Haas
October 2006 **Proceedings of the 2006 ACM symposium on Document engineering
DocEng '06**

Publisher: ACM Press

Full text available:  [pdf\(89.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We consider here an election ballot as a document, a document that works as the carrier of a voter's choice in an election's accounting system for determining a winning candidate. And we consider a voting system as a way to manage both the document and its flow in compliance with the requirements of the election. Trustworthy elections are the core of a democratic spirit and engineering a voting system with requirements of convenience, privacy, integrity and reliability lies at the core of trustw ...

Keywords: ballots, electronic, mail, security, voting


4 A retrospective on Arpanet electronic mail

-  John M. McQuillan
March 1980 **ACM SIGOA Newsletter**, Volume 1 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(166.49 KB\)](#) Additional Information: [full citation](#)

5 E-commerce today and tomorrow: a truly generalized and active framework for the definition of electronic commerce

-  Yewsiang Poong, Khaliq-UI Zaman, Mohammad Talha
August 2006 **Proceedings of the 8th international conference on Electronic commerce: The new e-commerce: innovations for conquering current barriers, obstacles and limitations to conducting successful business on the internet ICEC '06**


Publisher: ACM Press

Full text available:  [pdf\(322.45 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

E-commerce can be viewed from different perspectives by different people. Existing e-commerce frameworks consist of rigid and specific fundamental components of e-commerce. E-commerce field is constantly facing new challenges and new situations. To deal with these challenges, an Active E-commerce Framework is being proposed. This framework consists of six important e-commerce components each composed of several instances. The components and instances of the framework are subject to the rule of C ...

Keywords: e-commerce, e-commerce definition, e-commerce framework, e-commerce model

6 ITiCSE 2000 working group reports: Integrating cultural issues into the computer and information technology curriculum

-  Joyce Currie Little, Mary Granger, Elizabeth S. Adams, Jaana Holvikivi, Susan K. Lippert, Henry M. Walker, Alison Young
June 2001 **Working group reports from ITiCSE on Innovation and technology in computer science education ITiCSE-WGR '00**

Publisher: ACM Press

Full text available:  [pdf\(1.33 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Industry leaders and educators in Computer and Information Technology (CIT) have expressed a need for graduates to have a background in professional, societal, and ethical concerns as well as a strong technical capability (Huff and Martin, 1995). Some educators

have gone so far as to include cultural awareness: "The cultural dimensions of information technology can no longer be ignored, with the expansion of the global economy, global markets and global communication enabled by information techn ...

7 ITiCSE 2000 working group reports: Integrating cultural issues into the computer and information technology curriculum



Joyce Currie Little, Mary Granger, Elizabeth S. Adams, Jaana Holvikivi, Susan K. Lippert, Henry M. Walker, Alison Young

June 2001 **ACM SIGCSE Bulletin**, Volume 33 Issue 2

Publisher: ACM Press

Full text available: pdf(1.33 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Industry leaders and educators in Computer and Information Technology (CIT) have expressed a need for graduates to have a background in professional, societal, and ethical concerns as well as a strong technical capability (Huff and Martin, 1995). Some educators have gone so far as to include cultural awareness: "The cultural dimensions of information technology can no longer be ignored, with the expansion of the global economy, global markets and global communication enabled by information techn ...

8 Commercial applications of natural language processing



Kenneth W. Church, Lisa F. Rau

November 1995 **Communications of the ACM**, Volume 38 Issue 11

Publisher: ACM Press

Full text available: pdf(314.22 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Vast quantities of text are becoming available in electronic form, ranging from published documents (e.g., electronic dictionaries, encyclopedias, libraries and archives for information retrieval services), to private databases (e.g., marketing information, legal records, medical histories), to personal email and faxes. Online information services are reaching mainstream computer users. There were over 15 million Internet users in 1993, and projections are for 30 million in 1997. With media ...

9 ACM forum



Robert L. Ashenhurst

June 1989 **Communications of the ACM**, Volume 32 Issue 6

Publisher: ACM Press

Full text available: pdf(608.78 KB) Additional Information: [full citation](#), [index terms](#)

10 VisuThread: un module de visualisation de conversations électroniques



Benoît Otjacques, Fernand Feltz

August 2004 **Proceedings of the 16th conference on Association Francophone d'Interaction Homme-Machine IHM 2004**

Publisher: ACM Press

Full text available: pdf(398.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Electronic messaging has become one of the most widely used software in the enterprises. Increasingly its usage goes beyond the scope for which it was initially designed. For instance, the users consider it as a tool supporting the management of their tasks. The inappropriateness of current e-mail clients becomes more and more patent. Several research works have studied how to enhance its functionalities, especially in the domain of graphical representation of information. This paper describes 'V ...

Keywords: electronic messaging, graphical representation, thread visualization

11 Satellite-based information services: Delay bounds for voice over IP calls transported over satellite access networks 

Jan Janssen, Danny De Vleeschauwer, Guido H. Petit, Rudi Windey, Jean-Marie Leroy
January 2002 **Mobile Networks and Applications**, Volume 7 Issue 1


Publisher: Kluwer Academic Publishers

Full text available:  pdf(358.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Whether or not voice calls of traditional quality can be supported between two users connected to an IP backbone via satellite access systems depends largely on the mouth-to-ear delay, an important part of which is consumed by the satellite networks themselves. In this paper, a methodology is developed to calculate upper bounds for the latter delay component as a function of the used codec, the experienced packet loss ratio, the echo levels at both sides of the connection and the chosen voice pa ...

Keywords: E-model, delay, distortion, satellite, voice over IP

12 A component and communication model for push systems 

 Manfred Hauswirth, Mehdi Jazayeri
October 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 7th European software engineering conference held jointly with the 7th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-7**, Volume 24 Issue 6

Publisher: Springer-Verlag, ACM Press

Full text available:  pdf(1.50 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present a communication and component model for push systems. Surprisingly, despite the widespread use of many push services on the Internet, no such models exist. Our communication model contrasts push systems with client-server and event-based systems. Our component model provides a basis for comparison and evaluation of different push systems and their design alternatives. We compare several prominent push systems using our component model. The component model consists of producers an ...

13 Criminalising computer misconduct: Legal and philosophical concerns 


 Dr. Gregor Urbas
June 2004 **ACM SIGCAS Computers and Society**, Volume 34 Issue 1

Publisher: ACM Press

Full text available:  html(241.37 KB) Additional Information: [full citation](#), [abstract](#)

Computer misconduct (hacking, fraud, privacy breaches, pornography dissemination etc.) has been a part of computing and electronic communication since its early development. The process of criminalisation (enactment of laws creating specific offences covering these activities) has followed in a some what sporadic and uneven way, with notable discrepancies between jurisdictions both internationally and within countries. In Australia, there has been some movement towards uniformity with th ...

14 VIKI: spatial hypertext supporting emergent structure 

 Catherine C. Marshall, Frank M. Shipman, James H. Coombs
September 1994 **Proceedings of the 1994 ACM European conference on Hypermedia technology ECHT '94**

Publisher: ACM Press

Full text available:  pdf(1.43 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The emergent nature of structure is a crucial, but often ignored, constraint on authoring hypertexts. VIKI is a spatial hypertext system that supports the emergent qualities of structure and the abstractions that guide its creation. We have found that a visual/spatial metaphor for hypertext allows people to express the nuances of structure, especially ambiguous, partial, or emerging structure, more easily. VIKI supports interpretation of a collected body of materials, a task that becomes inc ...

Keywords: composites, emergent structure, interpretation, spatial hypertext, visual structure recognition

15 Using hypertext in a law firm



E. Yoder, T. C. Wettach

November 1989 **Proceedings of the second annual ACM conference on Hypertext HYPertext '89**

Publisher: ACM Press

Full text available: pdf(722.89 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



16 Internal information brokering and patterns of usage on corporate intranets



Clarie M. Vishik

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge GROUP '97**

Publisher: ACM Press

Full text available: pdf(1.05 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: access patterns, information brokering, information retrieval, intranet, social informatics

17 Spatial hypertext: designing for change



Catherine C. Marshall, Frank M. Shipman

August 1995 **Communications of the ACM**, Volume 38 Issue 8

Publisher: ACM Press

Full text available: pdf(609.49 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)



18 Software and languages: The problem with rights expression languages



Pramod A. Jamkhedkar, Gregory L. Heileman, Iván Martínez-Ortiz

October 2006 **Proceedings of the ACM workshop on Digital rights management DRM '06**

Publisher: ACM Press

Full text available: pdf(294.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)




In this paper we consider the functionality that a rights expression language (REL) should provide within a digital rights management (DRM) environment. We begin by noting the dearth of applications that make use of RELs, despite the fact that they have now been available since the late 1990's. We posit that one of the main impediments to the use of RELs is the complexity associated with understanding and using them. This results from the fact that the functionality needed to handle a wide varie ...

Keywords: DRM, architecture, rights expression language

19 We Talk to Everybody

Marjorie Richardson, Jason Schumaker, David Penn
June 2000 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [html\(96.53 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A quick look at some of the people who helped make Linux possible.

20 Authentication services for computer networks and electronic messaging systems

Keok Auyong, Chye-Lin Chee

July 1997 **ACM SIGOPS Operating Systems Review**, Volume 31 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The paper surveys the authentication services used by modern computer systems and presents the major operational authentication services employed by commercial companies, banking as well as government departments. As distributed system services are susceptible to a variety of threats mounted by intruders as well as legitimate users of the system, password-based authentication is not suitable for use on computer networks.

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1 [The CSNET information server: automatic document distribution using electronic mail](#)



C. Partridge, C. Mooers, M. Laubach

August 1987 **ACM SIGCOMM Computer Communication Review**, Volume 17 Issue 4

Publisher: ACM Press

Full text available: [pdf\(603.86 KB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)

2 [Papers: collaborating through documents: FLANNEL: adding computation to electronic mail during transmission](#)



Victoria Bellotti, Nicolas Ducheneaut, Mark Howard, Christine Neuwirth, Ian Smith, Trevor Smith

October 2002 **Proceedings of the 15th annual ACM symposium on User interface software and technology UIST '02**

Publisher: ACM Press

Full text available: [pdf\(374.21 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we describe FLANNEL, an architecture for adding computational capabilities to email. FLANNEL allows email to be modified by an application while in transit between sender and receiver. This modification is done without modification to the endpoints---mail clients---at either end. This paper also describes interaction techniques that we have developed to allow senders of email to quickly and easily select computations to be performed by FLANNEL. Through, our experience, we explain ...

Keywords: communications channel, computational email, electronic mail, web applications

3 [SaveMe: a system for archiving electronic documents using messaging groupware](#)



Stefan Berchtold, Alexandros Biliris, Euthimios Panagos

March 1999 **ACM SIGSOFT Software Engineering Notes, Proceedings of the international joint conference on Work activities coordination and collaboration WACC '99**, Volume 24 Issue 2

Publisher: ACM Press

Full text available: [pdf\(1.47 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Today, organizations deal with an ever-increasing number of documents that have to be archived because they are either related to their core business (e.g., product designs) or needed to meet corporate or legal retention requirements (e.g., voucher). In this paper, we present the architecture and prototype implementation of SaveMe, a document archival system that is based on network-centric groupware such as Internet standards-based messaging systems. In SaveMe, the actions of archiving, retrieval ...

Keywords: Internet, archiving, groupware, messaging

4 Cryptography and data security

Dorothy Elizabeth Robling Denning
January 1982 Book

Publisher: Addison-Wesley Longman Publishing Co., Inc.

Full text available:  [pdf\(19.47 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

From the Preface (See Front Matter for full Preface)

Electronic computers have evolved from exiguous experimental enterprises in the 1940s to prolific practical data processing systems in the 1980s. As we have come to rely on these systems to process and store data, we have also come to wonder about their ability to protect valuable data.

Data security is the science and study of methods of protecting data in computer and communication systems from unauthorized disclosure ...

5 INFOMOD: a knowledge-based moderator for electronic mail help lists



Robert J. Hall

November 1996 **Proceedings of the fifth international conference on Information and knowledge management CIKM '96**

Publisher: ACM Press

Full text available:  [pdf\(910.37 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

6 Bringing electronic mail to the masses phase I: Eudora



Lisa H. Berg, Mike W. Miller

December 1992 **Proceedings of the 20th annual ACM SIGUCCS conference on User services SIGUCCS '92**

Publisher: ACM Press

Full text available:  [pdf\(691.25 KB\)](#) Additional Information: [full citation](#), [index terms](#)

7 A survey and analysis of Electronic Healthcare Record standards



Marco Eichelberg, Thomas Aden, Jörg Riesmeier, Asuman Dogac, Gokce B. Laleci

December 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(844.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Medical information systems today store clinical information about patients in all kinds of proprietary formats. To address the resulting interoperability problems, several Electronic Healthcare Record standards that structure the clinical content for the purpose of exchange are currently under development. In this article, we present a survey of the most relevant Electronic Healthcare Record standards, examine the level of

interoperability they provide, and assess their functionality in terms o ...

Keywords: Electronic Healthcare Record standards, eHealth, interoperability

8 ObjectGlobe: Ubiquitous query processing on the Internet

R. Braumandl, M. Keidl, A. Kemper, D. Kossmann, A. Kreutz, S. Seltzsam, K. Stocker
August 2001 **The VLDB Journal — The International Journal on Very Large Data**

Bases, Volume 10 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(251.44 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

We present the design of ObjectGlobe, a distributed and open query processor for Internet data sources. Today, data is published on the Internet via Web servers which have, if at all, very localized query processing capabilities. The goal of the ObjectGlobe project is to establish an open marketplace in which *data* and *query processing capabilities* can be distributed and used by any kind of Internet application. Furthermore, ObjectGlobe integrates *cycle providers* (i.e., machi ...

Keywords: Cycle-, function- and data provider, Distributed query processing, Open systems, Privacy, Quality of service, Query optimization, Security

9 Atomicity in electronic commerce

J. D. Tygar

May 1996 **Proceedings of the fifteenth annual ACM symposium on Principles of distributed computing PODC '96**

Publisher: ACM Press

Full text available:  pdf(1.74 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

10 Applying an information gathering architecture to Netfind: a white pages tool for a changing and growing Internet

Michael F. Schwartz, Calton Pu

October 1994 **IEEE/ACM Transactions on Networking (TON)**, Volume 2 Issue 5

Publisher: IEEE Press

Full text available:  pdf(1.71 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

11 Office Information Systems and Computer Science

Clarence A. Ellis, Gary J. Nutt

March 1980 **ACM Computing Surveys (CSUR)**, Volume 12 Issue 1

Publisher: ACM Press

Full text available:  pdf(2.87 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

12 Pen computing: a technology overview and a vision

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available:  pdf(5.14 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

13 Form management



D. Tschritzis

July 1982 **Communications of the ACM**, Volume 25 Issue 7

Publisher: ACM Press

Full text available: [pdf\(2.78 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper consists of three interrelated parts. In the first part forms are introduced as an abstraction and generalization of business paper forms. A set of facilities for the manipulation of forms and their contents is outlined. Forms can be created, stored, found, viewed in different media, mailed, and located by office workers. Data on forms can also be processed in a completely integrated way. The facilities are discussed both abstractly and in relation to a prototype ...

Keywords: database management, office modeling, office procedures

14 Office-by-example: an integrated office system and database manager



Kyu-Young Whang, Art Ammann, Anthony Bolmarcich, Maria Hanrahan, Guy Hochgesang, Kuan-Tsae Huang, Al Khorasani, Ravi Krishnamurthy, Gary Sockut, Paula Sweeney, Vance Waddle, Moshé Zloof

October 1987 **ACM Transactions on Information Systems (TOIS)**, Volume 5 Issue 4

Publisher: ACM Press

Full text available: [pdf\(2.86 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Office-by-Example (OBE) is an integrated office information system that has been under development at IBM Research. OBE, an extension of Query-by-Example, supports various office features such as database tables, word processing, electronic mail, graphics, images, and so forth. These seemingly heterogeneous features are integrated through a language feature called example elements. Applications involving example elements are processed by the database manager, an integrated ...

15 The envoy framework: an open architecture for agents



Murugappan Palaniappan, Nicole Yankelovich, George Fitzmaurice, Anne Loomis, Bernard Haan, James Coombs, Norman Meyrowitz

July 1992 **ACM Transactions on Information Systems (TOIS)**, Volume 10 Issue 3

Publisher: ACM Press

Full text available: [pdf\(2.47 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Envoy Framework addresses a need for computer-based assistants or agents that operate in conjunction with users' existing applications, helping them perform tedious, repetitive, or time-consuming tasks more easily and efficiently. Envoys carry out missions for users by invoking envoy-aware applications called operatives and inform users of mission results via envoy-aware applications called informers. The distributed, open architecture developed for Envoys is derived from an analysis of ...

Keywords: application programmer interface, user agent

16 Selected IR-related dissertation abstracts

Susanne M. Humphrey
September 1989 **ACM SIGIR Forum**, Volume 24 Issue 1-2

Publisher: ACM Press

Full text available: pdf(3.70 MB) Additional Information: [full citation](#)

17 Protofoil: storing and finding the information worker's paper documents in an electronic file cabinet

Ramana Rao, Stuart K. Card, Walter Johnson, Leigh Klotz, Randall H. Trigg
April 1994 **Proceedings of the SIGCHI conference on Human factors in computing systems: celebrating interdependence CHI '94**

Publisher: ACM Press

Full text available: pdf(1.38 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: ad hoc information work, document imaging, filing of paper documents, information retrieval, paper user interface

18 IS '97: model curriculum and guidelines for undergraduate degree programs in information systems

Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert E. Longenecker
December 1996 **ACM SIGMIS Database, Guidelines for undergraduate degree programs on Model curriculum and guidelines for undergraduate degree programs in information systems IS '97**, Volume 28 Issue 1

Publisher: ACM Press

Full text available: pdf(7.24 MB) Additional Information: [full citation](#), [cited by](#)

19 Computing curricula 2001

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available: pdf(613.63 KB) html(2.78 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

20 Special issue: AI in engineering

D. Sriram, R. Joobbani
April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available: pdf(8.79 MB) Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

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United States **Patent**, 5960411. Hartman , et al. September 28, 1999 For example, single-action **ordering** can also be in an **electronic mail** environment ...

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